



Section 2

Quick Installation Guide

5-Port 1000BASE-T Gigabit Ethernet Switch

Model # AGIGA5SW-B



- Package Contents:**
- 5-Port Gigabit Switch
 - Power Adapter
 - Quick Installation Guide

Section 1

Introduction

This user's guide tells you how to install your 5-Port 1000BASE-T Gigabit Ethernet Switch, how to connect it to your Gigabit Ethernet network.

The 5-Port 1000BASE-T Gigabit Ethernet Switch was designed for easy installation and high performance in an environment where traffic on the network and the number of users increase continuously.

Before you begin, please verify that you have all the parts listed in the Package Contents.

Connecting the Switch

The 5 Gigabit Ethernet ports of 10/100/1000Mbps Auto-Negotiation ports of the switch support automatic MDI/MDIX crossover detection, which allows for true "plug-and-play" capability. With the Auto-MDI function, you can simply plug in an Ethernet cable into the switch without worrying about if the other end of the cable is connected to a network adapter or to another switch or hub.

Connect the AGIGA5SW-B to an end node which includes PCs outfitted with a 10, 100, or 1000 Mbps RJ-45 Ethernet Network Interface Card (NIC) and most routers. An end node can be connected to the Switch via a twisted-pair Category 3, 4, 5, or 5e UTP/STP cable. The end node can be connected to any of the ports of the Switch.

LED Indicators

1) The 5-port switch has built-in LED indicators:

Power LED

- Solid Green – Power On

Speed LED (Top)

- Solid Green – 1000 Mbps
- Solid Amber – 100 Mbps
- Off – 10 Mbps

Link/Act LED (Bottom)

- Solid Green – Link
- Blinking Green – Activity

2) Cable Diagnostic Operation indications (during the switch booting up):

Open, Short, or Improper Termination

- Speed LED: Amber
- Link/Act LED: Off

Cable connection good

- Speed LED: Green
- Link/Act LED: Off

Section 3

Technical Specifications

Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 100BASE-TX IEEE 802.3x Flow Control
Ports	5 x Auto-Negotiation 10/100/1000Mbps RJ45 ports
Transfer Rate	Full/Half duplex transfer mode for 10/100Mbps Full duplex transfer mode for 1000Mbps
Chipset	Broadcom
MAC Address	4K
Memory	128KB
Forwarding Method	Store and Forward
Protocol	CSMA/CD
Jumbo Frame	9726 bytes (only supports in 1000M mode)
Power	7.5V DC/1A or 5V/2A
Operation Environment	Temperature: 0 ~ 40 °C Humidity: 5% to 95% non condensing
EMI	CSA, FCC, and CE

Section 4

Technical Support

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